

Sortal Number:

09/986,043

CRF Errors Corrected by the STIC

Home Branch

CRF Processing Date:

Edited by:

Verified by:

09/09/03
10/16/2001

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included: ..

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

Other:

Examiner: The above corrections must be communicated to the applicant in the first office action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/786,043

DATE: 10/16/2001
TIME: 17:52:08

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\10162001\I786043.raw

5 <110> APPLICANT: Kola, Ismail
 6 Zhou, Jiong
 8 <120> TITLE OF INVENTION: Novel Therapeutic Molecules and Uses Therefor
 10 <130> FILE REFERENCE: DAVI121.001APC
 12 <140> CURRENT APPLICATION NUMBER: 09/786,043
 13 <141> CURRENT FILING DATE: 2001-2-27
 15 <150> PRIOR APPLICATION NUMBER: PCT/AU99/00691
 17 <151> PRIOR FILING DATE: 1999-08-26
 19 <150> PRIOR APPLICATION NUMBER: AU PP5512
 21 <151> PRIOR FILING DATE: 1998-08-27
 23 <160> NUMBER OF SEQ ID NOS: 15
 25 <170> SOFTWARE: PatentIn Ver. 2.0
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 898
 29 <212> TYPE: DNA
 30 <213> ORGANISM: mammalian
 32 <220> FEATURE:
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 34 <222> LOCATION: (110)..(874)
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 40 Met Leu Asp
 41
 43 tcg gtg aca cac agc acc ttc ctg cct aat gca tcc ttc tgc gat ccc 166
 44 Ser Val Thr His Ser Thr Phe Leu Pro Asn Ala Ser Phe Cys Asp Pro
 45 5 10 15
 47 ctg atg tcg tgg act gat ctg ttc agc aat gaa gag tac tac cct gcc 214
 48 Leu Met Ser Trp Thr Asp Leu Phe Ser Asn Glu Glu Tyr Tyr Pro Ala
 49 20 25 30 35
 51 ttt gag cat cag aca gcc tgt gac tca tac tgg aca tca gtc cac cct 262
 52 Phe Glu His Gln Thr Ala Cys Asp Ser Tyr Trp Thr Ser Val His Pro
 53 40 45 50
 55 gaa tac tgg act aag cgc cat gtg tgg gag tgg ctc cag ttc tgc tgc 310
 56 Glu Tyr Trp Thr Lys Arg His Val Trp Glu Trp Leu Gln Phe Cys Cys
 57 55 60 65
 59 gac cag tac aag ttg gac acc aat tgc atc tcc ttc tgc aac ttc aac 358
 60 Asp Gln Tyr Lys Leu Asp Thr Asn Cys Ile Ser Phe Cys Asn Phe Asn
 61 70 75 80
 63 atc agt ggc ctg cag ctg tgc agc atg aca cag gag gag ttc gtc gag 406
 64 Ile Ser Gly Leu Gln Leu Cys Ser Met Thr Gln Glu Phe Val Glu
 65 85 90 95
 67 gca gct ggc ctc tgc ggc gag tac ctg tac ttc atc ctc cag aac atc 454
 68 Ala Ala Gly Leu Cys Gly Glu Tyr Leu Tyr Phe Ile Leu Gln Asn Ile
 69 100 105 110 115
 71 cgc aca caa ggt tac tcc ttt ttt aat gac gct gaa gaa agc aag gcc 502
 72 Arg Thr Gln Gly Tyr Ser Phe Phe Asn Asp Ala Glu Glu Ser Lys Ala

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73	120	125	130	
75	acc atc aaa gac tat gct gat tcc aac tgc ttg aaa aca agt ggc atc			550
76	Thr Ile Lys Asp Tyr Ala Asp Ser Asn Cys Leu Lys Thr Ser Gly Ile			
77	135	140	145	
79	aaa agt caa gac tgt cac agt cat agt aga aca agc ctc caa agt tct			598
80	Lys Ser Gln Asp Cys His Ser His Ser Arg Thr Ser Leu Gln Ser Ser			
81	150	155	160	
83	cat cta tgg gaa ttt gta cga gac ctg ctt cta tct cct gaa gaa aac			646
84	His Leu Trp Glu Phe Val Arg Asp Leu Leu Leu Ser Pro Glu Glu Asn			
85	165	170	175	
87	tgt ggc att ctg gaa tgg gaa gat agg gaa caa gga att ttt cgg gtg			694
88	Cys Gly Ile Leu Glu Trp Glu Asp Arg Glu Gln Gly Ile Phe Arg Val			
89	180	185	190	195
91	gtt aaa tcg gaa gcc ctg gca aag atg tgg gga caa agg aag aaa aat			
92	Val Lys Ser Glu Ala Leu Ala Lys Met Trp Gly Gln Arg Lys Lys Asn			742
93	200	205	210	
95	gac aga atg aca tat gaa aag ttg agc aga gcc ctg aga tac tac tat			790
96	Asp Arg Met Thr Tyr Glu Lys Leu Ser Arg Ala Leu Arg Tyr Tyr Tyr			
97	215	220	225	
99	aaa aca gga att ttg gag cgg gtt gac cga agg tta gtg tac aaa ttt			838
100	Lys Thr Gly Ile Leu Glu Arg Val Asp Arg Arg Leu Val Tyr Lys Phe			
101	230	235	240	
103	gga aaa aat gca cac ggg tgg cag gaa gac aag cta tgatctgctc			884
104	Gly Lys Asn Ala His Gly Trp Gln Glu Asp Lys Leu			
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107	caggcatcaa gctc			
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118	Cys Asp Pro Leu Met Ser Trp Thr Asp Leu Phe Ser Asn Glu Glu Tyr			
119	20	25	30	
121	Tyr Pro Ala Phe Glu His Gln Thr Ala Cys Asp Ser Tyr Trp Thr Ser			
122	35	40	45	
124	Val His Pro Glu Tyr Trp Thr Lys Arg His Val Trp Glu Trp Leu Gln			
125	50	55	60	
127	Phe Cys Cys Asp Gln Tyr Lys Leu Asp Thr Asn Cys Ile Ser Phe Cys			
128	65	70	75	80
130	Asn Phe Asn Ile Ser Gly Leu Gln Leu Cys Ser Met Thr Gln Glu Glu			
131	85	90	95	
133	Phe Val Glu Ala Ala Gly Leu Cys Gly Glu Tyr Leu Tyr Phe Ile Leu			
134	100	105	110	
136	Gln Asn Ile Arg Thr Gln Gly Tyr Ser Phe Phe Asn Asp Ala Glu Glu			
137	115	120	125	
139	Ser Lys Ala Thr Ile Lys Asp Tyr Ala Asp Ser Asn Cys Leu Lys Thr			
140	130	135	140	

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142 Ser Gly Ile Lys Ser Gln Asp Cys His Ser His Ser Arg Thr Ser Leu
143 145 150 155 160
145 Gln Ser Ser His Leu Trp Glu Phe Val Arg Asp Leu Leu Leu Ser Pro
146 165 170 175
148 Glu Glu Asn Cys Gly Ile Leu Glu Trp Glu Asp Arg Glu Gln Gly Ile
149 180 185 190
151 Phe Arg Val Val Lys Ser Glu Ala Leu Ala Lys Met Trp Gly Gln Arg
152 195 200 205
154 Lys Lys Asn Asp Arg Met Thr Tyr Glu Lys Leu Ser Arg Ala Leu Arg
155 210 215 220
157 Tyr Tyr Tyr Lys Thr Gly Ile Leu Glu Arg Val Asp Arg Arg Leu Val
158 225 230 235 240
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177 tgccctcacg gta atg ttg gac tcg gtg aca cac agc acc ttc ctg cct 169
178 Met Leu Asp Ser Val Thr His Ser Thr Phe Leu Pro
179 1 5 10
181 aat gca tcc ctc tgc gat ccc ctg atg tcg tgg act gat ctg ttc agc 217
182 Asn Ala Ser Leu Cys Asp Pro Leu Met Ser Trp Thr Asp Leu Phe Ser
183 15 20 25
185 aat gaa gag tac tac cct gcc ttt gag cat cag aca gat gct gat tcc 265
186 Asn Glu Glu Tyr Tyr Pro Ala Phe Glu His Gln Thr Asp Ala Asp Ser
187 30 35 40
189 aac tgc ttg aaa aca agt ggc atc aaa agc caa gac tgt cac agt cat 313
190 Asn Cys Leu Lys Thr Ser Gly Ile Lys Ser Gln Asp Cys His Ser His
191 45 50 55 60
193 agt aga aca agc ctc caa agt tct cat cta tgg gaa ttt gta cga gac 361
194 Ser Arg Thr Ser Leu Gln Ser Ser His Leu Trp Glu Phe Val Arg Asp
195 65 70 75
197 ctg ctt cta tct cct gaa gaa aac tgt ggc att ctg gaa tgg gaa gat 409
198 Leu Leu Leu Ser Pro Glu Glu Asn Cys Gly Ile Leu Glu Trp Glu Asp
199 80 85 90
201 agg gaa caa gga att ttt cgg gtg gtt aaa tcg gaa gcc ctg gca aag 457
202 Arg Glu Gln Gly Ile Phe Arg Val Val Lys Ser Glu Ala Leu Ala Lys
203 95 100 105
205 atg tgg gga caa agg aag aaa aat gac aga atg aca tat gaa aag ttg 505
206 Met Trp Gly Gln Arg Lys Lys Asn Asp Arg Met Thr Tyr Glu Lys Leu
207 110 115 120
209 agc aga gcc ctg aga tac tac tat aaa aca gga att ttg gag cgg gtt 553

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210 Ser Arg Ala Leu Arg Tyr Tyr Tyr Lys Thr Gly Ile Leu Glu Arg Val
211 125           130           135           140
213 gac cga agg tta gtg tac aaa ttt gga aaa aat gca cac ggg tgg cag   601
214 Asp Arg Arg Leu Val Tyr Lys Phe Gly Lys Asn Ala His Gly Trp Gln
215           145           150           155
217 gaa gac aag cta tgatctgctc caggcatcaa gctc
218 Glu Asp Lys Leu
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221 <210> SEQ ID NO: 4
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223 <212> TYPE: PRT
224 <213> ORGANISM: mammalian
226 <400> SEQUENCE: 4
228 Met Leu Asp Ser Val Thr His Ser Thr Phe Leu Pro Asn Ala Ser Leu
229   1           5           10           15
231 Cys Asp Pro Leu Met Ser Trp Thr Asp Leu Phe Ser Asn Glu Glu Tyr
232           20           25           30
234 Tyr Pro Ala Phe Glu His Gln Thr Asp Ala Asp Ser Asn Cys Leu Lys
235           35           40           45
237 Thr Ser Gly Ile Lys Ser Gln Asp Cys His Ser His Ser Arg Thr Ser
238           50           55           60
240 Leu Gln Ser Ser His Leu Trp Glu Phe Val Arg Asp Leu Leu Leu Ser
241           65           70           75           80
243 Pro Glu Glu Asn Cys Gly Ile Leu Glu Trp Glu Asp Arg Glu Gln Gly
244           85           90           95
246 Ile Phe Arg Val Val Lys Ser Glu Ala Leu Ala Lys Met Trp Gly Gln
247           100          105          110
249 Arg Lys Lys Asn Asp Arg Met Thr Tyr Glu Lys Leu Ser Arg Ala Leu
250           115          120          125
252 Arg Tyr Tyr Tyr Lys Thr Gly Ile Leu Glu Arg Val Asp Arg Arg Leu
253           130          135          140
255 Val Tyr Lys Phe Gly Lys Asn Ala His Gly Trp Gln Glu Asp Lys Leu
256 145           150           155           160
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270 tgactccgt aaccatagc accttcctgc ccaacgcata cttctgtgac cccctgtatgc 180
272 ctggaccga tctgttcagc aatgaagact actaccctgc cttttagcat cagacagcct 240
274 gtgattcccta ctggacatca gtgcacccctg aatactggac caagcgccat gtctggaaat 300
276 ggctccaatt ctgtgtgac cagttacaagc ttgatgccaa ctgcatactcc ttctgtcact 360
278 tcaacatcag cggcctgcag ctctgcagca tgacgcagga ggagttcatt gaggcagccg 420
280 gcatctgtgg ggagtacctg tacttcattc tccagaacat tcgctcgcaa ggttactcct 480
282 ttttcaatga tgctgaagag accaagactg gcatcaaaga ctatgtgtat tccagttgt 540
284 taaaaacaag tggcatcaag agtcaagact gtcacagccg aacaagcctc caaagttctc 600
286 acctgtggga atttgcaga gacttgc gttccctga agagaactgt ggcatactgg 660

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RAW SEQUENCE LISTING DATE: 10/16/2001
PATENT APPLICATION: US/09/786,043 TIME: 17:52:08

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/786,043

DATE: 10/16/2001

TIME: 17:52:09

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\10162001\I786043.raw

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